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(21) International Application Number: PCT/GB99/03316 (22) International Filing Date: 8 October 1999 (08.10.99) (30) Priority Data: 9822115.3 9 October 1998 (09.10.98) GB (71) Applicant (for all designated States except US): KING'S COLLEGE LONDON [GB/GB]; The Strand, London WC2R 2LS (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): PANAYI, Gabriel, Stavros [GB/GB]; 14 Westlinton Close, London NW7 1PY (GB). CORRIGALL, Valerie, Mary [GB/GB]; 25 Copley Way, Tadworth, Surrey KT20 5QS (GB). BODMAN-SMITH, Mark, Duncan [GB/GB]; 285a Long Lane, East Finchley, London N2 8JW (GB). FIFE, Mark, Stewart [GB/GB]; 28 Archbishops Place, Brixton, London SW2 2AJ (GB). LANCHBURY, Jeremy, Shaun [GB/GB]; 10 Claremont Road, Tonbridge Wells, Kent TN1 1SZ (GB). (74) Agents: CRESPI, Romeo, Stefano et al.; Williams, Powell & Associates, 4 St. Paul's Churchyard, London EC4M 8AY (GB).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: TREATMENT OF INFLAMMATORY DISEASE		
(57) Abstract <p>The immunoglobulin heavy chain binding protein BiP (78KD), or a peptide derived therefrom provides a reagent for indicating the presence of rheumatoid arthritis. The protein used is recombinant BiP(78KD) having a defined sequence. A prognostic or diagnostic test for RA may be an ELISA assay or a Western Blot. The invention also includes a method of testing for RA, using a protein BiP(78KD) or a cDNA sequence coding therefor to determine the presence of antibodies to said protein. The invention also includes a method of therapeutic treatment of RA comprising administering the protein BiP(78KD) or a DNA coding therefor e.g. by the intravenous, nasal, oral, or cutaneous route.</p>		